

Figure 1—figure supplement 1

<i>C. elegans</i>			MDKTGRTRQLSESSSQESVAVITVVPSPAQPKQKLNQHHKKQKDGERRKREQQKDRDLDAITLVNDRRQRPQASASASLQTAYVSPKKHFVRNRPSPMAV
<i>C. briggsae</i>	1		
<i>C. elegans</i>			PSPKKSNPVSHEKSRSLSTSHSPIQKPIQKSIQKPPTSDACASTSFHQNPASAKLIPYIPRSPKSGPKHSVTFRHPISSHQSSLSHSHEDSPPTATTYPTSLAK
<i>C. briggsae</i>	101		
<i>C. elegans</i>	1		...MDESE.LGNQSESMESFESDSDP...EADPDVVIHDIHHLRA...EADPDVVIHDIHHLRA...
<i>C. briggsae</i>	201		LSASVDHYQQSIQSSSQQLTPREQEITSILQNSSSQSETSQKQKTVDVYS...NDEFLQPVLPKQSKKPQQRPOQKIEKSHHPRVSVSSVDMNTKYRA
<i>C. elegans</i>	42		..TGDYSOSEICKLPEQNTFFLPGRVKNISNDSDSVITDEDEIDGAIKITSDTHFICSSRTSELGDF...EMDEQEEFNITTEFN.CNEQBL
<i>C. briggsae</i>	299		VLAEDDEESQDQSSRSQD...SS.SPEFTRTVKSQNO...KMAQCKHNSGCHDSCATSSSQNEQRRKRAQLSKKVLSVVVEPDEGADDBE
<i>C. elegans</i>	132		BEHLRNAYRHEEEECFEEEDDIEFPL...PNRSRDRDATRPPKSRSEKSKKQNRSRSTPSREPSVVIDEEDAPFKKRTTRRKKEKDPMDVQTRRKMRRTI
<i>C. briggsae</i>	382		ETPPREI...QVSGGSBDSDIEFPL...PNRSRDRDATRPPKSRSEKSKKQNRSRSTPSREPSVVIDEEDAPFKKRTTRRKKEKDPMDVQTRRKMRRTI
<i>C. elegans</i>	192		EVDHDPHPVNYRMKPAVTDDGKVVEOKRTRVTRNIMSHITPOYHLEGEETEFGRVKESTLSKTIEOYIQAQKLVSPKCDQFREQIVATAVEYDGSVKML
<i>C. briggsae</i>	478		HIVYGRPRPVKRMKAITIKKYRALHOKRTRVTRNIMSHITPOYHLEGEETEFGRVKESTLSKTIEOYIQAQKLVSPKCDQFREQIVATAVEYDGSVKML
<i>C. elegans</i>	292		QFENALKKHSGKOKRLKYOTWWKASKSHYERAVNGYVAMP...KTPVLS.SDDPVLYKHSLPKNQSEPEKINVQLRIRLNSKRONNDVLPDSYFV
<i>C. briggsae</i>	577		HFGRTHMKHSGKOKRLKFOMSWWPKDTPDEKLRKGGLRTRITCTYTPYRIDDDVLYKHSLPKNQSEPEKINVQLRIRLNSKRONNDVLPDSYFV
<i>C. elegans</i>	389		REFLMQKHSISLRNVNRSDDIEFVFPPTLECGYVQDQAVTVQOEHLMMMPFEADDEYNIRYRSIAPPVEQVGTISAKELHKFHRGRHHGFFVVM
<i>C. briggsae</i>	677		REFVLGKAFISLRNVNRSDDIEFVFPPTLECGYVQDQAVTVQOEHLMMMPFEADDEYNIRYRSIAPPVEQVGTISAKELHKFHRGRHHGFFVVM
<i>C. elegans</i>	489		ENKPEYDLSGICCPFRRLVDMFNLICFPLIYTYEQVESRLRVAFDKTIVNLHLSEILRCNRPVDFLSKKNPQLPILKEVYLFLEQSNMDAKSFA
<i>C. briggsae</i>	777		EKIGRCNVQKLKRYTNRLVDMFNLICFPLIYTYEQVESRLRVAFDKTIVNLHLSEILRCNRPVDFLSKKNPQLPILKEVYLFLEQSNMDAKSFA
<i>C. elegans</i>	589		VKFLRTPYDHRATSNKDYLSAFLITGAKVTEID...SERLRFVNSDYMEGVLISGSDVYTFEFDKIPNNQITISICNADGVAEMQEDVRHMLS
<i>C. briggsae</i>	877		ESCGRPRPVKRMKAITIKKYRALHOKRTRVTRNIMSHITPOYHLEGEETEFGRVKESTLSKTIEOYIQAQKLVSPKCDQFREQIVATAVEYDGSVKML
<i>C. elegans</i>	687		NCSKRTITIGTSKPEKTIARPVLTNNQNDGMKFFFRKRTMOVRNINIVIP...KPKKVKNKPKPARKKKPKRKPQVDRGLKXHDPILYMASDIESD
<i>C. briggsae</i>	976		PEEQVITNLTADPCPTVTPOEAPKKTIVRLRTTVMFRKRTMOVRNINIVIP...KPKKVKNKPKPARKKKPKRKPQVDRGLKXHDPILYMASDIESD
<i>C. elegans</i>	787		FEGLYSDSENVQKPSKLMRSTSSSVFADYQREKMLDVSWHOKMIDRSLPLKKRRKKMNRRIYKHHSVRYNMIQANGCAETEMRYCYDKILPCGT
<i>C. briggsae</i>	1074		FEGLYSDSENVQKPSKLMRSTSSSVFADYQREKMLDVSWHOKMIDRSLPLKKRRKKMNRRIYKHHSVRYNMIQANGCAETEMRYCYDKILPCGT
<i>C. elegans</i>	887		KEARTKNAIRPFRRLVDMFNLICFPLIYTYEQVESRLRVAFDKTIVNLHLSEILRCNRPVDFLSKKNPQLPILKEVYLFLEQSNMDAKSFA
<i>C. briggsae</i>	1174		KEARTKNAIRPFRRLVDMFNLICFPLIYTYEQVESRLRVAFDKTIVNLHLSEILRCNRPVDFLSKKNPQLPILKEVYLFLEQSNMDAKSFA
<i>C. elegans</i>	987		QKMSGRCLTFESARKDQONNVDMKINDVMDLPLKEHFEISQSIROSKINESLSEVERNREQLAKTLTKTPMDKSOALAREEKKRRESKRLADKY
<i>C. briggsae</i>	1272		VMPGRMTRMEFEPKRNRESVQSYTNVMSLDHERRLDKAKIRNQKDRHIALQONVYFERMKNLSKROGFLRYDQSSLOQHKHEEARLNRKHSBKE
<i>C. elegans</i>	1087		...AEQRNMASTRLLEKRTT...OKQVDPETQRLRRPDKTVRRHITKNLFGSKKVIIRSLAAGKPAASLSEDS.DSEDSRESPVAEFLPT.N
<i>C. briggsae</i>	1372		TAFRKEQYIALKAAGDVPTKEWIKRRIQEEBAEAAKDRKABEBOREKRRMQIEAARLLKEKERRKAAIEKPKLDAVATK...L...KEXDE
<i>C. elegans</i>	1173		QEEBRIEMETILTNR...VREBEEKMLERTRKABERERQERLKRREBEEERKLEQLREAEKLKAEIEBENKLOEBERTKALEBERK...IEBERK
<i>C. briggsae</i>	1464		RERKRIEMETILTNR...VREBEEKMLERTRKABERERQERLKRREBEEERKLEQLREAEKLKAEIEBENKLOEBERTKALEBERK...IEBERK
<i>C. elegans</i>	1267		VSTL...KDMFGFLPFAENEQTEKDFQITDDHETLTTISDPTNEKYQARTEFERLIDIKSMLIRKAB...LIDVYTIHYDVPTQTCRVTSSIESNE
<i>C. briggsae</i>	1563		RQEEETAKSLAAVQIPKTVT...TSLYRQAQKLDEMTATAPEKTY...R...TVMLVIRESEDKFGAFTRKTRNFNLRVETAYPEFRFF..DK
<i>C. elegans</i>	1364		NRMVNEINLKFENFANCFPTFNIQDGENGLQSKRKWDFQFKCAVFDGVSQSTVNFTEKMENTKXKHLATPKTVISIDTSLKQSLRSRSHRDPDI
<i>C. briggsae</i>	1646		NRMVNEINLKFENFANCFPTFNIQDGENGLQSKRKWDFQFKCAVFDGVSQSTVNFTEKMENTKXKHLATPKTVISIDTSLKQSLRSRSHRDPDI
<i>C. elegans</i>	1464		SLYAQNHANSIGDVTLMKSNYSLDFATQSHDKELAKKATPTPKGFVRRHITKNLFGSKKVIIRSLAAGKPAASLSEDS.DSEDSRESPVAEFLPT.N
<i>C. briggsae</i>	1722		EPSPEPES...EILADSLS.SDDADGDEL...LPEAYETGQTDLTATHW.SRSPSVSDQDDESQNSYKOR...CPEHMAVA
<i>C. elegans</i>	1562		PVCSFWRLLVVKIENSTTDKKEITELCELDLKLITERRKDDLFSSKILKMMVGLVATFYVILSNVNLNENEBIIS...DKNQGVTKDEIKSTNDMLITA
<i>C. briggsae</i>	1794		LSFWRLLVVKIENSTTDKKEITELCELDLKLITERRKDDLFSSKILKMMVGLVATFYVILSNVNLNENEBIIS...DKNQGVTKDEIKSTNDMLITA
<i>C. elegans</i>	1656		AYFEEGSERSNIRKMLISMGPSVFNRYIL...FAKKTAK...EIESNRLSGVYVIEDPESLAEETIRKQELSSVRKTGKLEBEE
<i>C. briggsae</i>	1894		VVEHQANSPNLKQLCKWNGPROACDLIDELYEFGMGVYCLQLDQVFKDEBIDETK...IREAPRTATKVFVPLSVHCG...VKRSQVAKWRVEE
<i>C. elegans</i>	1746		IVK...LIQNE...KKLA...LSHKSHDENRRFRRLNIVVKKYDAITICHCEELQAIIVDAFPLNATFKNKRTSHV...AMNENG
<i>C. briggsae</i>	1986		VTIGRCCVNTTEYKQPTVNTTNEFILKQNAQFSSRITATLVNXYQYLVKCGSKITEDMRSNAM...NATAWKRRQYHMSMPMPATSDQEEDEESPIKITIP
<i>C. elegans</i>	1819		DDENLSDTS...DNQMSDTPOMPKN...CRNSBIFPEDAFQAKYAVVRTPSKERQAQMSLPSYKKNNAQ
<i>C. briggsae</i>	2084		DDVNLISPRKVTPTTLTPTPTLHVYKDEVIDKKNNGKDAAESATVRHVVSFYQHFFVQNLGQLGVCQQQSTVYVSGSYNLSSEKEXEKKIKRLIERRE
<i>C. elegans</i>	1884		SGCVENKGLSRMKFEPFVDSVWRTIERKINNMTHSEEEKQKRRFIPVSRSHKLEKNEKVFYAMVMIQERDSBTRLFNSKFQDDNMLHCVSKSLENHE..
<i>C. briggsae</i>	2184		IEKENSLNLPISDAMFINLWRAIERKISVFPGGIKMTGLHKKLQRPHEIDSEFRTIIM...SRDAGKRFPPEEPYKHDHFKYTRISTEPKRY
<i>C. elegans</i>	1982		KMSRITIOHIEHTVSNLQCNVGMKMDATHYFTDLYKYRSESEFRSALGCKKKNFVVTILWFMGNLPTSYNPDSDHDDGF.VP.SG
<i>C. briggsae</i>	2280		QAYEDTITNSFPEIMCKTEPRKMONTVPRQFGPPKATIEFTDLYKYRSESEFRSALGCKKKNFVVTILWFMGNLPTSYNPDSDHDDGF.VP.SG
<i>C. elegans</i>	2080		CTSDVILTHKCCAYENDTFSDFKIYANTSLPVGIDKVTIRVGRFVCEHGSSVLIIEHCSANVDANIPF.ESENVFESFEILRVKRTMHSILVKPFA
<i>C. briggsae</i>	2380		CTSDVILTHKCCAYENDTFSDFKIYANTSLPVGIDKVTIRVGRFVCEHGSSVLIIEHCSANVDANIPF.ESENVFESFEILRVKRTMHSILVKPFA
<i>C. elegans</i>	2179		EETHLRDRASRRAISTVTLDSGSGSRSTCEIFEDSPSEDENQOLDTRTGRKIDILVDSDKALIAEGERALRIKRLDLP...E.LQKFR
<i>C. briggsae</i>	2480		NVPQTIRERSQESTT...NSDSSGSDTSL...QNSVDFEGNPLIVSKVQENIVENAKE...LYKRFSEIKCKKITLDKPKKMRTR
<i>C. elegans</i>	2271		SKNFVSRSKSVDAKPTSQKQTVIRRSOSVCDLNDVNEYAKKVRNTDSPAFLTRFDHEXSTRTYEOLNNEILDVVTTCGASNVSAKKNVTLASTLA
<i>C. briggsae</i>	2558		SKNFVSRSKSVDAKPTSQKQTVIRRSOSVCDLNDVNEYAKKVRNTDSPAFLTRFDHEXSTRTYEOLNNEILDVVTTCGASNVSAKKNVTLASTLA
<i>C. elegans</i>	2371		FEKEVQLVNDKN.GELFKTVSNLVQRNSTOHVKGVLAEADNQTLRS...TNDTSEVFPESKAVNLEYLKEIKKKMMVNALMDATVKTDLKXHAEPVRF
<i>C. briggsae</i>	2646		LGPAAEEPTAKYCKTRVIKIQEHLKQHSRMY...GQDKENVPFRFDEKPKFGGQPSALMHEVYAEPMQIKRTVRAKNHVAANRRARFNEAQF...
<i>C. elegans</i>	2467		AKLLATVDSIFKFNVLFEPELNCISKHFNPAAYCEBTPTGTESKPKOLTILKETSMPVLSMLFNTEPRLROHSIETSHKKVRESDEACTASTL
<i>C. briggsae</i>	2739		EYFHTIKVQPNLNLHFEHLHQISKHFNPAAYCEBTPTGTESKPKOLTILKETSMPVLSMLFNTEPRLROHSIETSHKKVRESDEACTASTL
<i>C. elegans</i>	2567		CRYAETERIRVPOADKRLCDFSNASAEDEHREVSFILTLEHEDPDMKTEQOT...RFEVFLKEAEFGHFSYKFVEAOCTFVRNHGDSKQAFETAPYN
<i>C. briggsae</i>	2836		GRYAETERIRVPOADKRLCDFSNASAEDEHREVSFILTLEHEDPDMKTEQOT...RFEVFLKEAEFGHFSYKFVEAOCTFVRNHGDSKQAFETAPYN
<i>C. elegans</i>	2665		QNDFAFYGLQKPMNSGIDTPKMKLYOHOAFIRLHNIVKRSRHIITSDDYHRSVSVCKAMLLSEIVSNPKIAQEAFTSGSVLDNRNYSCKIKAKMPLIS
<i>C. briggsae</i>	2927		QNDFAFYGLQKPMNSGIDTPKMKLYOHOAFIRLHNIVKRSRHIITSDDYHRSVSVCKAMLLSEIVSNPKIAQEAFTSGSVLDNRNYSCKIKAKMPLIS
<i>C. elegans</i>	2765		PSYTGTSITCFFDELLFSAVREAKVHTDTR.VVRSKSMRNEKAGDANKCTKVTTLVNLBTALLSMVFSRDOSEIDDDRIDIDILDEYIKPITID
<i>C. briggsae</i>	3026		PSYTGTSITCFFDELLFSAVREAKVHTDTR.VVRSKSMRNEKAGDANKCTKVTTLVNLBTALLSMVFSRDOSEIDDDRIDIDILDEYIKPITID
<i>C. elegans</i>	2864		WNRIFETITOPTYNTFPSRMKRRERVSILPENPLGRLENYATN...PNOD...KDQAVLE...YVDVASDTDAAESIEDPDIIVEMTLKRALP
<i>C. briggsae</i>	3120		IDGVLFKPVVSQRNKQEQFEMQPOVRFPK.SRRGILENRNIINELVSSDEODKSSSTSSQRMSERTIDPNVYVGLHHTHKLK...HSEVSKNMRREYFI
<i>C. elegans</i>	2950		RSMSPSKRR...RRMS
<i>C. briggsae</i>	3215		TNRRPGRSKRSVPPASPHIPPMNPKRIIRFHSKY